



SAI HLYAN PHYOE

FRONTEND ENGINEER

My Role as a

Frontend engineer, Who is excel in delivering high-quality, user-centric solutions. With a deep understanding of JavaScript engines and React, Vue rendering mechanisms, I'm dedicated to staying ahead in the fast-paced world of JavaScript technologies

CONTACT

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PORTFOLIO

<https://sai-portfolio-tan.vercel.app/>

GITHUB

<https://github.com/SaiHlyanPhyoe7>

WORKING EXPERIENCE

Frontend Developer (Apprenticeship)

MMSIT | June 2022 - December 2022 (On Site - Full Time)

- Worked under the guidance of senior and lead developers, assisting with coding, debugging, and other development tasks.
- Developed frontend templates using HTML, CSS, and JavaScript, and built dynamic websites with React.js.
- Participated in code reviews and actively sought feedback to improve code quality and skills.
- Communicated effectively within the team to ensure smooth collaboration and project progress.

Senior Assistant Frontend Engineer

KBZ Bank | DEC 2022 - June 2023 (On Site - Full Time)

- Collaborated with the business team and project manager to define project requirements and workflows.
- Designed and implemented websites, from layout to functionality, following team lead guidance.
- Maintained and refactored legacy code, integrating modern frontend technologies for improved performance and scalability.

Senior Frontend Developer

SKI Technology | MAY 2023 - November 2023 (Remote - Part Time)

- Enhance the current back-office project to optimize its performance and take responsibility for complex API integrations
- Led the design of user interfaces and developed the foundational structure for upcoming projects.





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WORKING EXPERIENCE

Senior Frontend Engineer

CODIGO | DEC 2023 - September 2024 (Remote - Contract)

- Collaborated with the client team to define project requirements and workflows, communicating effectively in English with teams from Indonesia and Singapore.
- Designed and developed websites from structure to detailed implementation, based on Figma and Miro UI/UX specifications.
- Built a complete frontend website and CMS from the ground up using React and Next.js 13 App Router, including API routes, complex state management, and large-scale video streaming capabilities.
- Gained hands-on experience integrating real-time video data and managing dynamic application flows.
- Implemented integrations with 2C2P, CelcomDigi, Unifi, and social logins (Apple, Google, Facebook), while supporting Cloudflare across Web, iOS, and Android platforms.
- Leveraged AWS Amplify, Firebase, and TypeScript to create a scalable frontend architecture.
- Researched and applied the latest technologies to improve API performance and UI animations.

Software Engineer

Prestige International (PI Insurance Technology) | SEPT 2023 - Present (Remote - Contract)

- Collaborated with the CEO and cross-functional teams to define project requirements and workflows.
- Deepened expertise in Vue.js reactivity, managing complex state with Vuex, Pinia, and Vue Query.
- Migrated legacy projects from Vue CLI to Vite, significantly improving build speed, reducing vulnerabilities, and streamlining development workflows.
- Expanded backend and cloud knowledge with Java Spring Boot, AWS DynamoDB, and AWS CloudWatch.
- Implemented Blue-Green Deployment strategies at the application level to support seamless releases.
- Utilized TypeScript, SCSS, and ESLint to maintain clean, scalable, and maintainable codebases.

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Experienced Tech Stack

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Frontend

ReactJS, VueJS, Typescript, NextJS, RemixJS, Vite, scss, TailwindCSS, Redux Toolkit, Recoil, Pinia, Vuex, Tanstack Query, Axios, many more...

Backend

NodeJs, ExpressJs, NestJs and Java Spring Boot

Database

Postgres, Sqlite, AWS, DynamoDB

Server

AWS, Vercel, Firebase

English Skills (Read, Write, Listen, Speak)

Conversational Level (Fluent in work-related conversations, including complex topics)

EDUCATION

Bachelor's in Electronic Circuit Engineering | 2017 – 2021

- (Program not completed due to COVID-19 and civil unrest; completed up to 4th year)

Production Project Experiences on -



Digital Banking Live Status - (At KBZ Bank)

This project is mainly about implementing a real-time data tracking feature while more than one user is using the website on different devices. The main algorithm exists in how we do when every admin is adding tasks simultaneously and changing the real-time data as soon as the changes happen and showing it to the user. This feature provides instant updates on live status values.

There are three main requirements changes in this project

According to the changes of business requirements, we change tech stack for three times

First Tech stack => Vite, Serverless(Lambda) with AWS s3

Second Tech stack => Vite, Express with SQLite

Third Tech stack => Remix Serverside with Prisma and SQLite



Frontend of a Client's Main Website - (At Codigo)

I worked and led on the frontend of a public video streaming platform catering to both free and paid users, enabling live and on-demand access to a wide range of sports content, including football (UEFA), tennis, and more. I implemented frontend integrations with 2C2P, CelcomDigi, Unifi, and social login options such as Apple, Google, and Facebook. I also integrated Cloudflare Turnstile support across Web, iOS, and Android platforms. I developed dynamic interfaces supporting multiple countries with localized content and implemented user access management, allowing logins on a single device according to the purchase plan. The platform is used by a large number of customers, providing me with extensive experience in building scalable, multi-platform frontend applications and handling complex frontend integrations.

The Tech Stack we use in this project are -

According to the business requirements, we use below tech stack

ReactJS, NextJS(App Router), Typescript, Recoil, TailwindCSS, Shadcn, Firebase, AWS Amplify, Cloudflare Turnstile, react hook form, Zod

Production Project Experiences on -



Frontend of a Client's CMS - (At Codigo)

I worked on and led the frontend development of a client CMS. The CMS manages user roles and permissions, controlling which routes and features each user can access. I implemented features for draggable and reorderable video content, ensuring that updates made in the CMS were reflected dynamically on the frontend website. The system handles thousands of video entries with complex CRUD operations, multi-step forms, and all types of inputs, including text, select, image, video, and rich text editor uploads, supporting five countries with localized content. I also managed complex frontend API calls to fetch and synchronize data from the backend. Through this project, I gained extensive experience in managing complex frontend state, optimizing performance, and building scalable, user-friendly interfaces for large-scale, multi-platform content management.

The Tech Stack we use in this project are -

According to the bussiness requirements, we use below tech stach

ReactJS, NextJS (App Router), Typescript, Recoil, TailwindCSS, Shadcn, AWS Amplify, react hook form, Zod



Client Website - (At PI Insurance Technology)

I participated in the development and maintenance of a large-scale insurance website, which involved extensive data input management, user roles, and document status tracking. The project included over 400 combinations of inputs, including text fields, selects, and checkboxes, organized in multi-step forms that allowed users to create, edit, modify, and delete entries according to business requirements. Working closely with the Project Manager, Business Analysts, QA engineers, DevOps, and fellow developers improved my communication and collaboration skills while allowing me to gain substantial experience in Vue 3 Composition API, Vuex, SCSS, and complex frontend state management. I also implemented frontend and backend code to support Blue-Green Deployment. Additionally, I expanded my backend and cloud knowledge by working with Java Spring Boot, AWS DynamoDB, and AWS CloudWatch, while strengthening my skills in managing complex state and dynamic rendering in a large-scale application.

The Tech Stack we use in this project are -

According to the bussiness requirements, we use below tech stach

Vue3, Typescript, Vuex, scss, Ant Design Vue, Java Spring Boot, AWS DynamoDB

SAI HLYAN PHYOE

FRONTEND ENGINEER

Application for Frontend Engineer Position

I am excited to express my interest in the Frontend Developer position at your company. With extensive experience in building scalable, multi-platform frontend applications, I am confident in my ability to deliver impactful and user-friendly digital experiences.

In my previous roles, I worked on large-scale projects, including a public video streaming platform and a complex client CMS. I handled frontend development using Vue 3, React, TypeScript, Tailwind, and SCSS, and managed complex state with Vuex, Pinia, Redux Toolkit, Recoil, and TanStack Query. My responsibilities included building dynamic interfaces, integrating third-party services such as payment gateways and social logins, handling multi-country localization, and implementing features like draggable content, multi-step forms, and rich text editor uploads. I also contributed to the implementation of Blue-Green Deployment.

I collaborated closely with Project Managers, Business Analysts, QA engineers, DevOps, and fellow developers, gaining valuable experience in cross-functional teamwork and communication. This, combined with my technical expertise, allows me to deliver high-quality, maintainable, and performant frontend applications.

I am passionate about staying up-to-date with the latest frontend technologies and best practices, continuously refining my skills to create seamless and engaging user interfaces. I am eager to bring my experience and dedication to your company to help deliver exceptional digital experiences.

Thank you for considering my application. I would welcome the opportunity to discuss how my skills and experiences align with your team's vision.

Sincerely,
Sai Hlyan Phyoe